# Aurora IV

**Broadband for Alaska**

**A Pacific Dataport Inc. Venture**


20180204

# Overview

- Aurora IV
  - The RFPs are in
  - Strategic Partners are lining up
  - Great time to buy a satellite
- Alaska Plan—Clarification
  - New Middle Mile
  - Middle Mile Price Points
- A Sample Price Point

# Aurora IV
# Pacific Dataport Inc (PDI)

- PDI founded by Microcom
- $150M project for affordable middle mile in rural Alaska
    - Ka band high throughput satellite designed for Alaska
    - Western orbital slot (140-154W)
    - Engineering—Space Partnership International
    - Financing—Continuum Technology Capital
- 30+Gbps of broadband capacity
- <$500 Mbps
- Bandwidth for carriers, ISPs, cellular backhaul, direct to consumer, and fiber restoral

# Aurora IV Status

- RFP responses from industry in review
- Equity raise in progress
- Major commitments from service providers pending
- Satellite contract award by end of 1Q2018
- Launch in 2Q/3Q 2020
- In service 4Q 2020

# The Alaska Plan Question

- Will geosynchronous satellite facilities providing multiple gigabits per second of satellite capacity priced well below current middle mile prices (<$500 Mbps):
  1. Be considered new middle mile facilities, the same as terrestrial or new generation satellite
  2. Trigger a review of performance plans of both wireline and wireless carriers
  3. Change the performance obligations of carriers served only by satellite

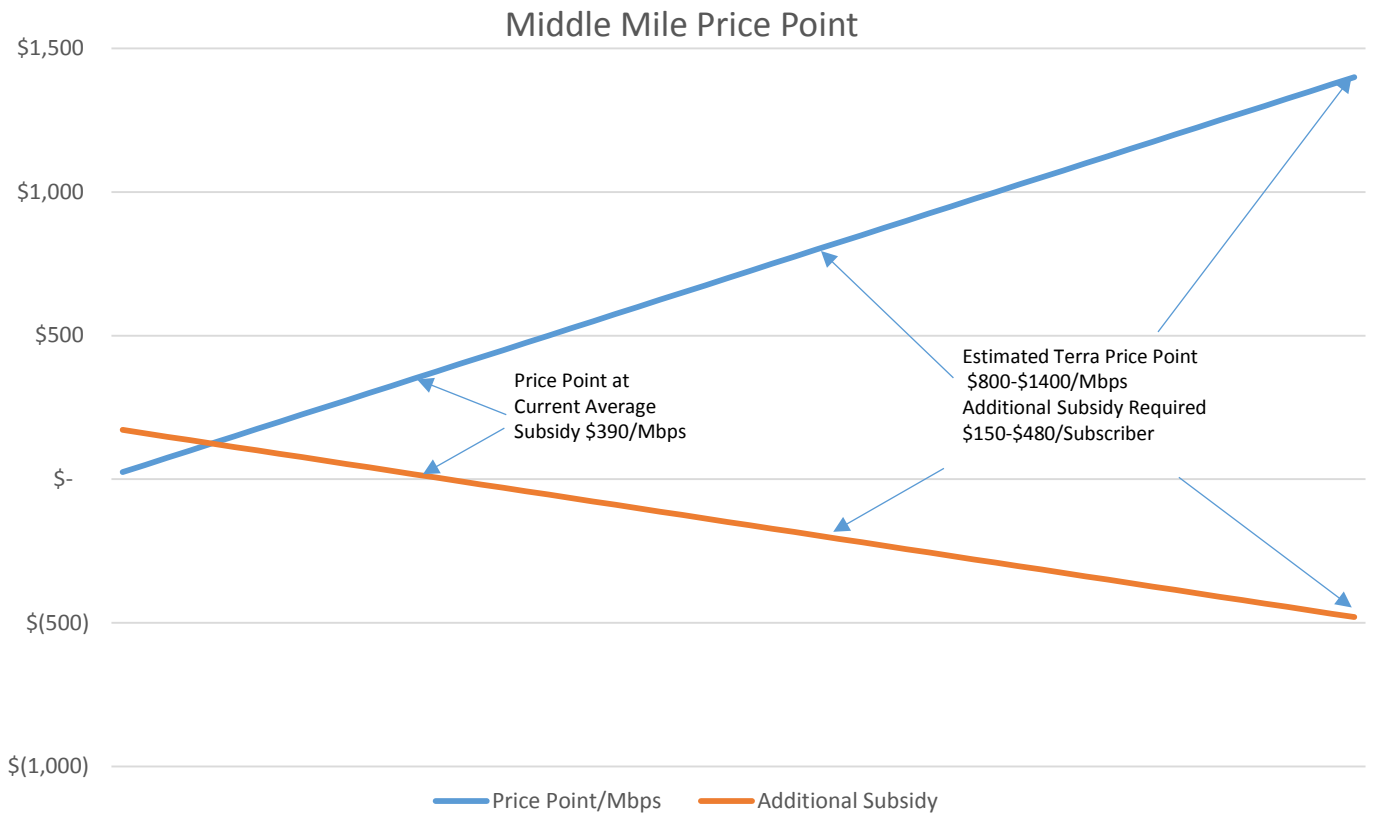
# The Important Second Question

- Paragraph 25 of the FCC Report and Order for the Alaska Plan

*"We direct the Bureau to work with carriers that seek to participate in the Alaska Plan to include objective metrics for determining when backhaul is available at a price point that would enable the carrier to offer 10/1 Mbps service."*

- What is the price point?

# Sample Middle Mile Price Point



# The opportunity to get BROADBAND "Right" across Alaska

- Alaska Plan stove piped middle mile
- Never considered Ka HTS as part of solution—lowest cost
- Not a one horse race--multiple horses pulling together